

CSCI 4321: Ethical Implications of a Global, Diverse, and Technological Society

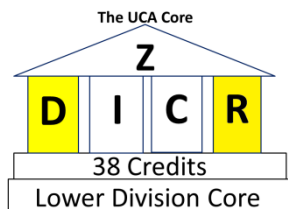
Course Policy

Instructor: Jacob Corkran
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Office Phone: (501) 450-5979
Class Schedule: TR 12:15 pm – 01:30 pm, MCST 338

Office Hours: Monday & Wednesday 11:00 am - 01:00 pm
By appointment in person or via Zoom. To request a meeting, email me with suggested date and time.

Catalog Description: Part of the Computer Science core. A course that explores the social, legal, and ethical issues for a global, diverse, and technological society. Our global society is ever more connected; however, ethical views are often different because of gender, racial, political, national, social, or cultural norms. In particular, the course will focus on new technologies and their costs, benefits, and issues related to an increasingly global and diverse society. Also, the course examines the role of a computer professional in the ethical development of new technologies in light of the diversity of end users. The course will offer opportunities for both written and oral presentations and professional development. Prerequisite: CSCI 2320 (Data Structures) and successful completion of 60 or more credit hours. [UD UCA Core: D, R]

UD Diversity & Responsible Living



This course is designated [D & R] which means it satisfies your **Diversity** and **Responsible Living** components of the Upper Division Core. Diversity courses promote the ability to analyze familiar cultural assumptions in the context of the world's diverse values, traditions, and belief systems as well as to analyze the major ideas, techniques and processes that inform creative works within different cultural and historical contexts. Responsible Living courses promote the ability to address real-world problems and find ethical solutions for individuals and society. For more information, go to <http://uca.edu/core>.

Course goals: Upon completion of this course, students should demonstrate the ability to:

- Recognize, analyze and compare ethical perspectives and belief systems for world-wide and diverse groups related to the use and results of technology.
- Examine and apply ethical decision making on the responsible use and development of a new technology especially as it relates to effects on world-wide and diverse groups of people.
- Develop skills to enter a technological profession with the ability to use curiosity, ethical decision making, and skills for professional development.

Computer Science Program Outcomes This course contributes to the student's ability to demonstrate:

- **Outcome 3.** — Communicate effectively in a variety of professional contexts
- **Outcome 4.** — Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

Course Content:

- Career Advice
 - Interviewing and Salary
 - Job Titles and Employee Roles

- Resumes and Cover Letters
- Learning Creativity and Teamwork
- Presentations and Technical Writing
- Technological Ethics
 - The Impact of Computers and their Ethical Use
 - Privacy
 - Freedom of Speech
 - Intellectual Property
 - Crime and Security
 - Work
 - Evaluating and Controlling Technology
 - Errors, Failures, and Risk
 - Professional Ethics and Responsibilities

Textbook: (Mandatory). *A Gift of Fire*, 5th. ed., Sara Baase & Timothy M. Henry, Pearson Education, 2018

Course Outline: See Blackboard for lectures, assignments, and grades. **Review often for accuracy of grades.**

Expectations & Processes:

- **Exams and Presentations are in-person only unless prior permission is given by me.**
- If a shift to online only instruction is required, it will be held virtually via Zoom.
- If needed, I will communicate changes related to the course via your UCA email.
- If attending virtually, your camera must be turned on unless prior permission is given by me.

Assignments, exams, and course grades:

Chapter Quizzes (10%): Routine quizzes will be given during class. They will cover the prior reading, outside material assigned, and lecture for the current chapter. This will be open notes and open book. Submission is via Blackboard or on paper. (Blackboard is preferred). If submitting via Blackboard, the deadline for submission is 10 minutes after class ends. No make-up will be given. (The lowest chapter quiz (see below) grade will be dropped.)

Essay (16%): Write an essay that analyses a scenario that involves a new or future technology and its implications for a global, diverse society. The essay will be evaluated on both content and quality of writing. Details and due dates will be described later. Submission is via Blackboard.

Presentation (16%): Present a self-selected topic describing a recent technological innovation. The presentation will primarily focus on the new technology's global social implications on diverse populations. The presentation will be evaluated on both content and quality of presentation. **Presentations are in-person only.**

Peer evaluations of Presentations (7%) are in-person.

Professional Portfolio (6%): Resume / Digital Portfolio / Cover Letter. Submission via Blackboard.

3 semester exams (15% each): The exams are not comprehensive. **Exams are in-person only.** The format for the exams will be explained prior to the exam.

Your numeric score shall be translated to a letter grade at the end of the semester according to the table below and at the discretion of the instructor.

Numeric Score	Letter Grade
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90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 - 59	F

Topic	Outside of Class
Syllabus Course Overview	Read Chapter 1, extra papers and watch TedTalk
Interviewing & Salary	
Privacy	Read Chapter 2, extra papers and watch TedTalk
Freedom of Speech	Read Chapter 3, extra papers and watch TedTalk
Resumes and Cover Letters	
Exam #1	
Intellectual Property	Read Chapter 4, extra papers and watch TedTalk
Crime and Security	Read Chapter 5, extra papers and watch TedTalk
Work	Read Chapter 6, extra papers and watch TedTalk
Exam #2	
Learning Creativity and Teamwork	
Evaluating and Controlling Technology	Read Chapter 7, extra papers and watch TedTalk
Errors, Failures and Risk	Read Chapter 8, extra papers and watch TedTalk
Presentations and Technical Writing	
Professional Ethics and Responsibilities	Read Chapter 9
Exam #3	
Presentations	

Important Dates

Please check the academic calendar at <https://uca.edu/registrar/academic-calendar/>

Issues: If you have a concern about this class, please contact the instructor first. If you would rather talk to someone else, please contact the department chair.

Attendance, Drop for Non-Attendance and Student Drop Policy:

- **Regular Attendance is Highly Suggested.** If you are absent on a day when quizzes, in-class assignments, or exams are due, you will automatically forfeit any points assigned. In addition, missed quizzes and exams cannot be made-up. If you do not attend class, you automatically forfeit any earnable points that day.
- **Only Exceptions:**
 - School related functions such as band, orchestra, sports events, etc. A note from the coach, instructor, supervisor, etc. must be provided.
 - Medically related absence. For all medically related absences proper documentation from a physician including the physician's name and phone number included on the document must be provided.
 - Family related emergency. Such emergencies must involve an immediate family member (father, mother, brother, sister) or other member *identified in advance* to the professor.
- Any absences should be pre-approved by the instructor if possible.
- It is the student's responsibility to find out any information they missed due to an absence.
- From the student handbook: "Absences that indicate negligence about class attendance may lead to cancellation of registration and a withdrawal grade (W) in the course." A student may be dropped from this course for non-attendance if they miss the first exam and/or have not attended class for a continuous two-week period.
- Formal withdrawal is required to drop the course.

Exam Policy

- *No books, notes, web sites, cell phones, calculators, etc. are allowed for any exams unless specified in writing by the instructor.*
- Make-up tests will be conducted at the instructor's discretion.
- All final exams **must** be taken at the assigned time in the semester schedule.
- Exams shall be returned to the students for viewing purposes. In order to prevent future students from relying on a compiled bank of tests instead of the instruction provided in this course for obtaining the knowledge they need, the exams must be returned before leaving class the day of distribution. If a student leaves the classroom with his/her exam, they shall receive a **ZERO** for that exam score.

Late Work:

- Quizzes and Presentation will not be accepted late.
- Resumes / Cover Letter and Essay will be accepted late with the following penalties. Points off per Day:
25% off < 24 hours past deadline | 50% off < 48 hours | 75% off < 72 hours | no credit > 72 hours

Classroom Conduct

- No food/drink in the classroom.
- No cell phone use in the classroom (talking, texting, calculating, etc.).
- No listening to music, television, talk-shows or any other broadcast media allowed in the classroom.
- Viewing of pornography on either personal or university owned devices is strictly prohibited and shall result in automatic dismissal from the course and *assignment of an "F" at the end of the semester.*
- Students must be provided with an environment conducive to learning. Disturbance of class by inappropriate talking, laughing, being loud, inappropriate verbiage or images on your clothing, person or your computer screen, etc. shall result in the student's dismissal from the class. Continual disturbance shall result in automatic dismissal from the course and *assignment of an "F" at the end of the semester.*

- Class time is to be devoted to learning the material outlined in the course policy and syllabus. This time shall not be utilized for checking email, checking social media, or engaging in chat or any other non-course related activities. Violation of this policy shall result in the student's dismissal from the class.

Expectations

You are expected to study the assigned chapters ***before*** each class meeting. There is ***no extra credit*** offered in this course. **You must be registered in Blackboard for this course to receive any points earned.** You ***will*** be instructed on how to accomplish this during the first lab/class meeting. **IT IS VERY IMPORTANT THAT YOU ARE REGISTERED IN YOUR ASSIGNED SECTION.** If you are not registered in **Blackboard** or registered in the incorrect section, you will forfeit your points earned.

University Policies

Covid-19

All students are expected to know and comply with university policy related to Covid-19. For information and resources, see <https://uca.edu/coronavirus/>.

Academic Integrity

The University of Central Arkansas affirms its commitment to academic integrity and expects all members of the university community to accept shared responsibility for maintaining academic integrity. Students in this course are subject to the provisions of the university's Academic Integrity Policy, approved by the Board of Trustees as Board Policy No. 709 on February 10, 2010, and published in the *Student Handbook*. Penalties for academic misconduct in this course may include a failing grade on an assignment, a failing grade in the course, or any other course-related sanction the instructor determines to be appropriate. Continued enrollment in this course affirms a student's acceptance of this university policy.

Americans with Disabilities Act

The University of Central Arkansas adheres to the requirements of the Americans with Disabilities Act. If you need an accommodation under this Act due to a disability, please contact the Office of Accessibility Resources and Services (OARS), 450-3613.

Building Emergency Plan (to be discussed in class/lab during the first week of the semester):

An Emergency Procedures Summary (EPS) for the building in which this class is held will be discussed during the first week of this course. EPS documents for most buildings on campus are available at <https://uca.edu/go/bep-library>. Every student should be familiar with emergency procedures for any campus building in which he/she spends time for classes or other purposes.

Title IX disclosure:

In furtherance of its core values— academic vitality, integrity, and diversity—UCA is dedicated to promoting a campus community free from discrimination. Title IX of the Education Amendments Act of 1972 requires all educational institutions to address gender-based discrimination on campus, and UCA implements these Federal requirements through a fair, consistent, and appropriate process of investigation and adjudication. Please see UCA's Title IX website (<https://uca.edu/titleix/>) for the university's policy, relevant forms, training opportunities, and related information.

It is important that you familiarize yourself with the university policies described in the UCA Student Handbook.

- Sexual Harassment Policy
- Academic Policies

Evaluations:

The Student Course Experience Survey is a crucial element in helping faculty achieve excellence in the classroom and the institution in demonstrating that students are gaining knowledge. Students may complete surveys for courses they are taking by logging in to myUCA and clicking on the Course Evaluations task.